

## **Future Contributions to *Journal of Statistical Physics***

### *ARTICLES*

Thermodynamic Properties of the Two-Dimensional Coulomb Gas in the Low-Density Limit

*P. Kalinay and L. Šamaj*

Berezinskii–Kosterlitz–Thouless Order in Two-Dimensional  $O(2)$ -Fluid

*Christian Gruber, Hiroshi Tamura, and Valentin A. Zagrebnov*

Mean Field Behaviour of Spin Systems with Orthogonal Interaction Matrix

*Pierluigi Contucci, Sandro Graffi, and Stefano Isola*

Dualities for a Class of Finite Range Probabilistic Cellular Automata in One Dimension

*Norio Konno*

Self-Duality for Multi-State Probabilistic Cellular Automata with Finite Range Interactions

*Norio Konno*

Uniqueness of Gibbs State for Non-Ideal Gas in  $\mathbb{R}^d$ : The Case of Multi-body Interaction

*V. Belitsky and E. A. Pechersky*

From the Becker–Döring to the Lifshitz–Slyozov–Wagner Equations

*Philippe Laurençot and Stéphane Mischler*

A Consistent BGK-Type Model for Gas Mixtures

*Pierre Andries, Kazuo Aoki, and Benoit Perthame*

Exact Eternal Solutions of the Boltzmann Equation

*A. V. Bobylev and C. Cercignani*

Self-Similar Solutions of the Boltzmann Equation and Their Applications

*A. V. Bobylev and C. Cercignani*

The Kraichnan–Kazantsev Dynamo

*D. Vincenzi*

Towards the Evaluation of the Relevant Degrees of Freedom in Nonlinear  
Partial Differential Equations

*Andreas Degenhard and Javier Rodríguez-Laguna*

Asymptotic and Numerical Analyses for Mechanical Models of Heat Baths

*Ole H. Hald and Raz Kupferman*

Many-Polaron States in the Holstein–Hubbard Model

*Laurent Proville and Serge Aubry*

From the von Neumann Equation to the Quantum Boltzmann Equation II:  
Identifying the Born Series

*F. Castella*

Existence and Nonlinear Stability of Stationary States of the Schrödinger–  
Poisson System

*Peter A. Markowich, Gerhard Rein, and Gershon Wolansky*

#### *SHORT COMMUNICATION*

Gas Phase of Asymmetric Nearest Neighbor Ising Model

*Alexander Mazel, Aldo Procacci, and Benedetto Scoppola*

#### *DEPARTMENTS*

Book Review: *Selected Papers of N. G. van Kampen*

*Rosalio Rodriguez*